

GPO : 1985 0 - 469-790

STANDARD FORM 1442 BACK (REV. 4-85)

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F65501-00-D0010



## FIRE PROTECTION REQUIREMENTS

F00001-00-00010

## SECTION 01020

## SCOPE OF WORK

## 1 GENERAL

## 1.1 PROJECT SCOPE

The Contractor shall furnish all labor, supervision, materials, equipment, tools, transportation, and management necessary to repair or install fire protection systems, and incidental related work, on Elmendorf AFB, AK. The work included under this project consists of the following major items. Work will be awarded by delivery order and may include one or more buildings per order.

## 1.1.1 Automatic Sprinkler Systems

A. Design and provide new and/or modify existing automatic fire extinguishing sprinkler systems for complete fire protection coverage in various buildings.

B. Design automatic wet-pipe or dry-pipe fire extinguishing sprinkler systems in accordance with the required and advisory provisions of NFPA 13, except as modified in Section 13930, "Fire Sprinkler Systems". Each system shall include materials, accessories, and equipment inside and outside the building to provide each system complete and ready for use. Design and provide each system to give full consideration to blind spaces, piping, electrical equipment, ducts, and other construction and equipment in accordance with detailed working drawings to be submitted for approval. Locate sprinkler heads in a consistent pattern with ceiling grid, lights, and air supply diffusers. Provide sprinkler heads and piping system layout. Devices and equipment for fire protection service shall be UL listed or FM approved for use in wet /dry pipe sprinkler systems. Design systems for earthquake protection. Lead and asbestos work, cutting, patching, and paint repair, are incidental related work.

C. Furnish materials required to install buried water piping and make connections to existing water supply systems, and perform excavating, backfilling, and other incidental labor as required.

## 1.1.2 Alarm Systems

A. Survey the existing exit signs and fire alarm systems in various buildings. Determine whether a new or upgraded system is required to meet Section 16721, MIL-HDBK 1008C, and American Disabilities Act (ADA). Prepare and submit specification Section 16721, shop drawings and analysis for review and approval. The drawings and analysis submitted shall be stamped by a registered fire protection engineer who is regularly engaged in fire protection and detection design of these systems or a registered professional engineer with minimum three years experience in design of these (fire detection and alarm) systems.

B. Repair, replace and/or upgrade, in accordance with paragraph 1.1.2 A, above portions of the fire alarm system which include: fire control panel, emergency power supply, alarm initiating device, ionization detector, thermal detector, flame detector, manual pull station.

EXHIBIT 1  
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